

STATEMENT OF WORK (SOW)

FOR THE REBUILD

OF THE

ASSAULT AMPHIBIOUS VEHICLE (AAV)

VT 525 TORQUE CONVERTER, VEHICULAR

NSN 2520-01-472-8956

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1.0 SCOPE. This Statement of Work (SOW), along with TM 8F152B-25&P/A establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor in the rebuild of the Assault Amphibious Vehicle (AAV), VT 525 Torque Converter, Vehicular, National Stock Number (NSN) 2520-01-472-8956, hereafter referred to as Torque Converter. This document contains minimum requirements to restore the Torque Converter to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitations or restrictions.

1.1 Background. Rebuild is defined as that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking

2.2 Other Government Documents and Publications

DoD 4160.21-M-1	Defense Demilitarization Manual
TM 8F152B-25&P/A	Power Plant Assembly Assault Amphibious Vehicle (AAV7A1-Models AAVP7A1, AAVC7A1, AAVR7A1)
TM 2350-45	DMA Standard Procedures

Engineering Drawing 2600146
CAGE 80064

Torque Converter, Vehicular

DoD 4000.25-1-M

Military Standard Requisitioning and Issue
Procedures (MILSTRIP)

Military Handbooks (For Guidance)

MIL-HDBK-61

Configuration Management

2.3 Industry Standards

ANSI/ISO/ASQC
Q9001-2000

Quality Management Systems-Requirements

Industry Standards (For Guidance)

ANSI/EIA-649

National Consensus Standard for
Configuration Management

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179, DSN 442-2179 or <http://www.dodssp.daps.mil>. Copies of other Government documents and publications requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: (Code 583-1), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, and calibrate as required to make the Torque Converter fully operational. Upon completion of the rebuild, the Torque Converter shall be Condition Code "A".

b. Conduct final on-site testing, which shall be witnessed by a Marine Corps System Command (MCSC), Assault Amphibious Vehicle Systems (AAVS), Albany, Georgia representative.

c. The Contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the Torque Converter specified in TM 8F152B-25&P/A, TM 2350-45, and Engineering Drawing 2600146 CAGE 80064.

d. Ensure each Torque Converter meets the configuration of Engineering Drawing 2600146 CAGE 80064.

e. All mandatory replacement parts shall be replaced 100%. Economical replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M-1.

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the Torque Converter.

3.2.1 Phase - I - Rebuild. The Contractor shall receive the Torque Converter for rebuild. The Contractor shall then disassemble the Torque Converter into components and conduct the rebuild process. The Contractor shall rebuild components in accordance with the requirements in TM 8F152B-25&P/A and this SOW. The Contractor shall be responsible for supplying all equipment, tools, test equipment, and materials for the conduct of this effort. The Contractor shall be responsible for the integration and assembly of all components. The configuration identification for the Torque Converter is defined by the specifications annotated on current revision levels of Engineering Drawing 2600146 CAGE 80064. Upon completion of the rebuild, the Torque Converter shall be in Condition Code "A". A Rebuild Data Plate shall be installed in the center, in the rear below the item identification plate. The Rebuild Data Plate shall contain the following (REBUILT BY:), (INSPECTED BY:) and (DATE REBUILT:). The plate shall be no more than .008 in thickness, "2 ¾" in length and ¾" in height.

3.2.2 Phase II - Inspection, Testing, and Acceptance. Inspection, testing, and acceptance of the Torque Converter shall be conducted in accordance with TM 8F152B-25&P/A and ANSI/ISO/ASQC Q9001-2000. The Contractor shall correct any deficiencies discovered.

3.2.3 Packaging, Handling, Storage, and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging for item(s) being rebuilt under the terms of this Statement of Work. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with Level "A".

requirements of MIL-STD-2037-1D, Method 20. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with Level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the rebuilt equipment and the Contractor shall be responsible for arranging for

shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation cost associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control

a. The Contractor shall apply configuration control procedures to established configuration items. The Contractor shall not implement configuration changes to an item(s) documented performance or design characteristics without prior written authorization. If deemed necessary to temporarily depart from the authorized configuration, the Contractor shall prepare and submit a Request For Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing RFDs.

b. The creation and submission of RFDs shall be accomplished using MEARS CREATE software, which resides at a secure web site, <https://mears1.redstone.army.mil>. For the purpose of gaining access to the web site, the Contractor shall request user-id and password privileges from the Requiring Office identified in block six of the applicable Contract Data Requirements List. The Contractor shall direct technical or functional questions concerning usage of MEARS CREATE software to the Requiring Office for guidance. The Contractor shall notify the Requiring Office by electronic mail when completed MEARS RFDs are ready for formal submission.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 571-1) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature on an annual basis to establish a chain of custody and property responsibility for Marine Corps assets. The Contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD 1348 to Materiel Management Department, Management Control Activity (Code 571-1), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of this SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to the Contractors on the requisitioning process. The decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6. Quality Assurance Provisions

3.6.1 The performance of the Contractor's quality of work performed, materiel provided and documents written shall be subject to in-process review and inspection by the MCSC (AAVS), Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC (AAVS), Albany, Georgia representative

shall be permitted to observe the work/tasks accomplishment and/or to conduct inspections during normal working hours. Acceptance Tests shall be held in-plant. The MCSC (AAVS), Albany, Georgia representative requires, at a minimum, two weeks notification of acceptance test to allow for sufficient time for MCSC (AAVS), Albany, Georgia representative to witness acceptance. Inspection by the MCSC (AAVS), Albany, Georgia representative of all acceptance tests, materiel and associated lists furnished hereunder does not relieve the Contractor from any responsibility regarding defects or other failures to meet the SOW requirements which may be disclosed prior to final acceptance.

3.6.2 The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000. The Contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by MCSC (AAVS), Albany, Georgia representatives. Noncompliance with these quality assurance procedures resulting in degraded quality of work may result in a stop-work order requiring action by the Contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such inspection, it shall be the Contractor's responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 REPORTS. All deliverables shall be submitted in hard copy to Marine Corps Systems Command Attn: (AAVS), 814 Radford Blvd., Suite 20343, Albany Georgia 31704-0343, unless directed otherwise in a Contract Data Requirements List.

4.1 Monthly Production Status Report. A Monthly Production Status Report shall be submitted summarizing the progress and status of the Torque Converter.

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____ X
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D. SYSTEM/ITEM VT 525 Torque Convertor Veh	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	PRODUCTION STATUS REPORT	Monthly Production Status Report

4. AUTHORITY (<i>Data Acquisition Document No.</i>) DI-MGMT-81255	5. CONTRACT REFERENCE SOW 5.1	6. REQUIREING OFFICE PMM 143/AAVS
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION see Blk 16	14. DISTRIBUTION
				b. COPIES

[illegible]

18. REMARKS
Block 4 Contractor format is authorized. Delete the following paragraphs as they do not apply to the deliverable. 10.1, 10.2.3, 10.2.5, 10.2.6, and 10.2.9

In paragraph 10.2.1.d use job order number or contract number



In paragraph 10.24 and 10.27 replace "CLIN" with "CLIN or MWSLIN"
(Master work Schedule Line Item Number)

Blocks 10 and 12. The report shall be submitted on the tenth of each month. The first submission shall be 30 days after the contract award.

The production Status Report shall be transmitted via E-Mail to the following addresses HoffmanRE@mcsc.usmc.mil and MaynardVM@matcom.usmc.mil

Distribution Statement A: Approval for public release, distribution is unlimited.

[illegible]

G. PREPARED BY 	H. DATE 4-29-03	I. APPROVED BY 	J. DATE 04/30/03
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CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188								
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.													
A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TOP _____ TM _____ OTHER <u> X </u>									
C. SYSTEM/ITEM AAV RAM/RS VT-525 TorqueConvert			E. CONTRACT/PR NO.		F. CONTRACTOR								
1. DATA ITEM NO. B001	2. TITLE OF DATA ITEM Request For Deviation			3. SUBTITLE Configuration Management									
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C			5. CONTRACT REFERENCE SOW 3.3		6. REQUIRING OFFICE MCLBA (583)								
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION									
8. APP CODE A		11. AS OF DATE N/A	13. DATE OF SUBSEQUENT SUBMISSION N/A	a. ADDRESSEE		b. COPIES							
						Draft							
						Final							
						Reg							
						Repro							
16. REMARKS BLK 4: MEARS RFD text files shall be submitted electronically using MICROSOFT (.doc) or ADOBE (.pdf) formatted software products. BLK4: Accompanying figures to the text files shall be in a MICROSOFT format or CCITT Group 4 graphic file. Group 4 files shall have a minimum density of 600 dpi. BLKs 10 & 12: RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation. BLK 14: RFD notification shall be accomplished via e-mail to the following address: smithdc@matcom.usmc.mil MEARS CREATE user-id and password will be assigned by the Requiring Office. Questions concerning MEARS CREATE V8.1 functionality shall be directed to the Requiring Office. POC is Doug Smith and can be contacted at DSN 567-6057 or email to: smithdc@matcom.usmc.mil Distribution Statemetn A: Approved for public release, distribution is unlimited.				MCSC PMM143		0		0		0			
				MCLBA (583-1)		0		1		0			
				15. TOTAL				0		1		0	
				G. PREPARED BY <i>James L. Bradley</i>		H. DATE APR 28 2003		I. APPROVED BY <i>RE Hoffman</i>		J. DATE 04/30/03			

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE